

FIG 1

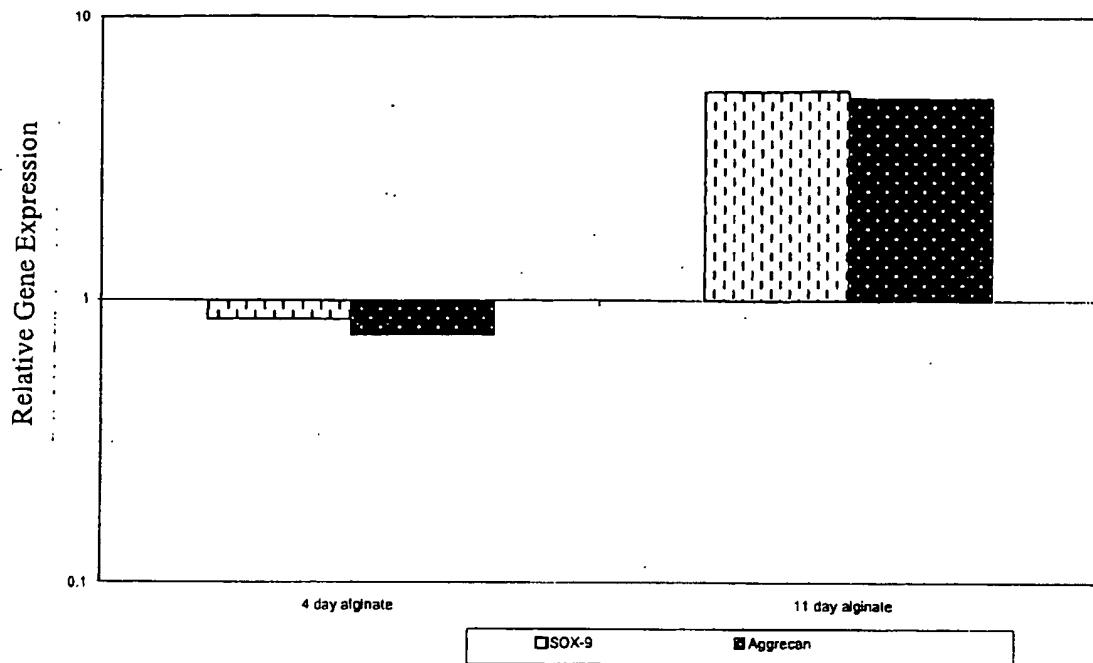


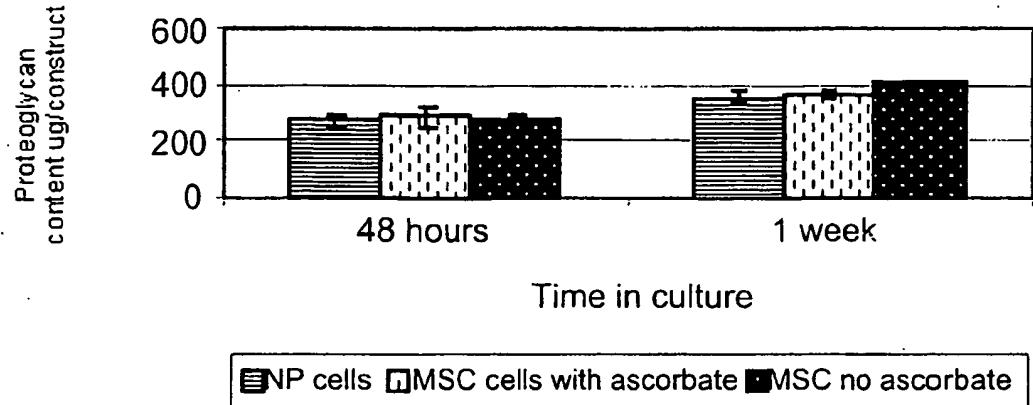
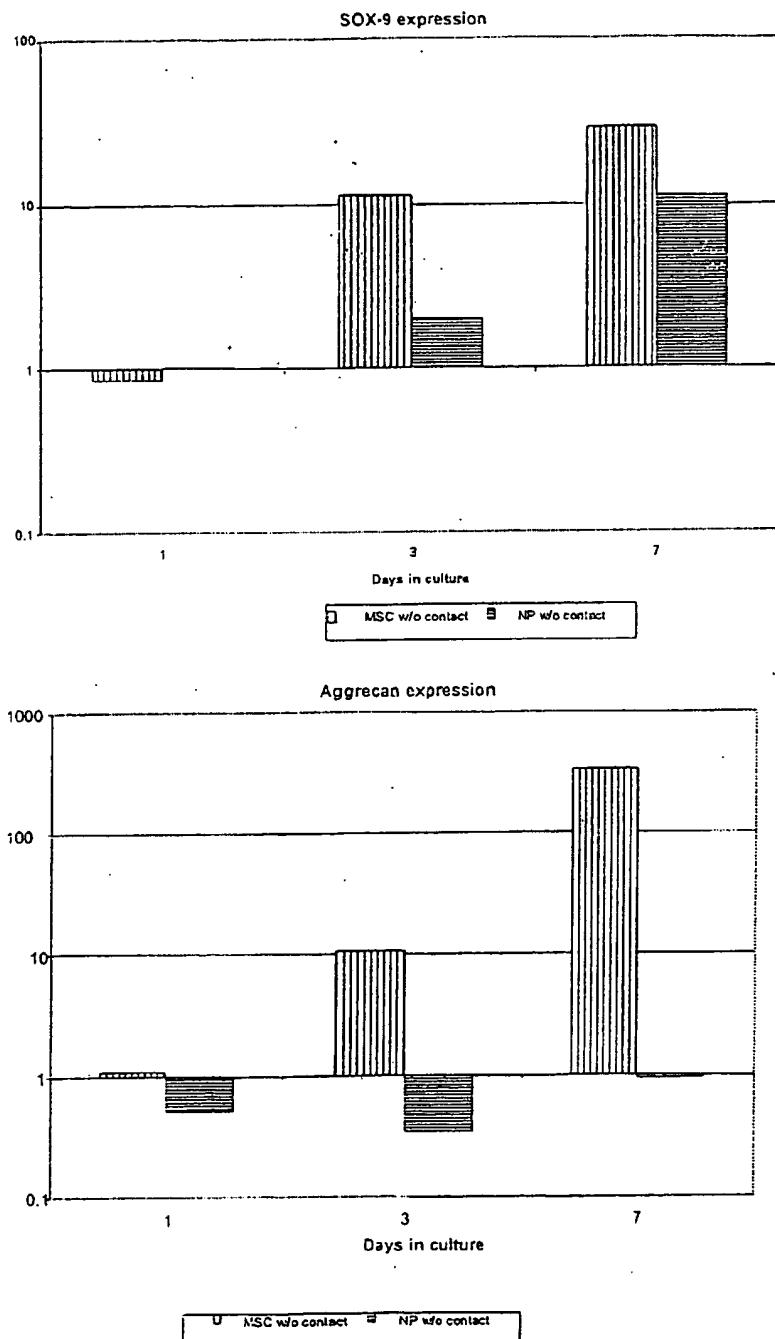
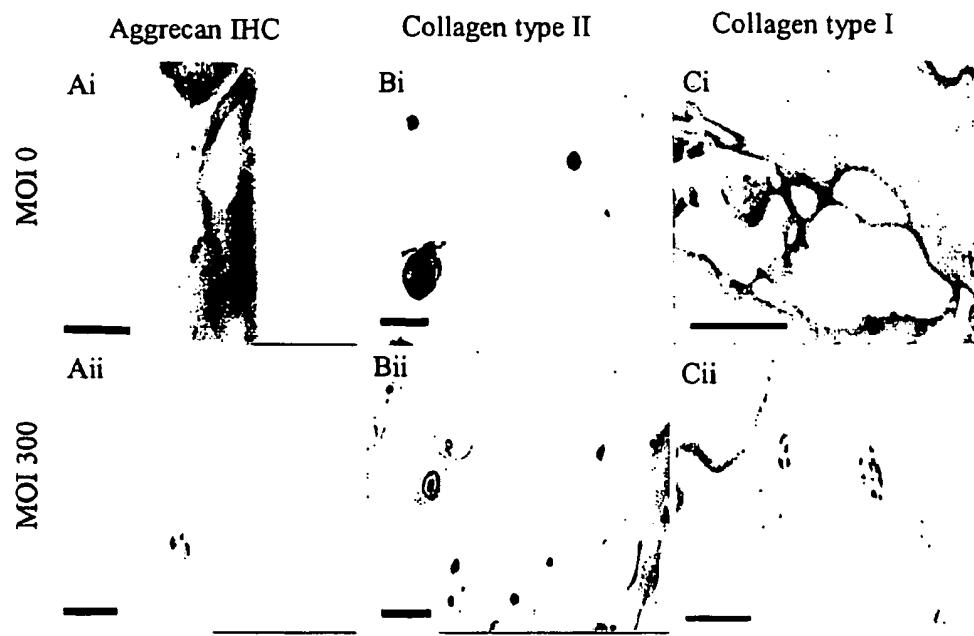
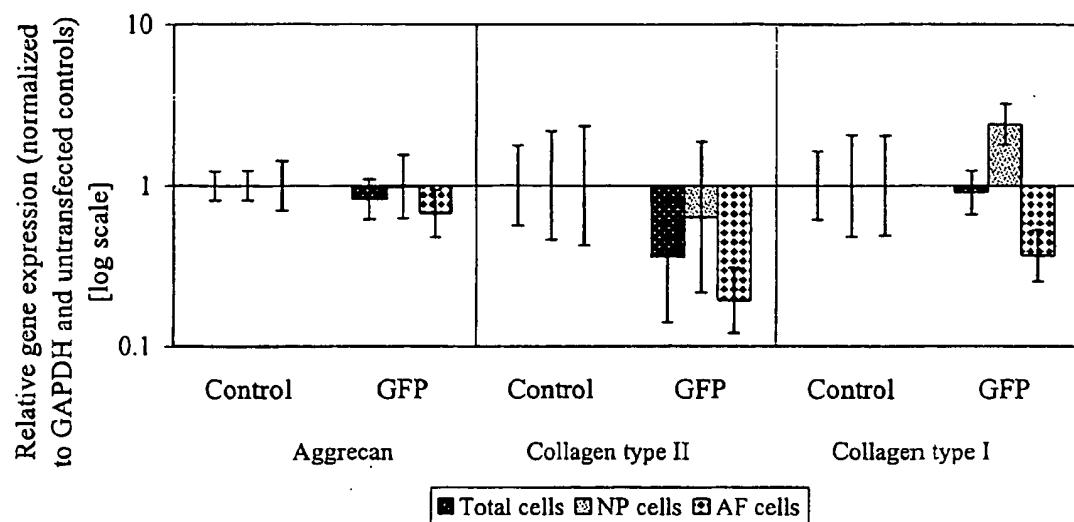
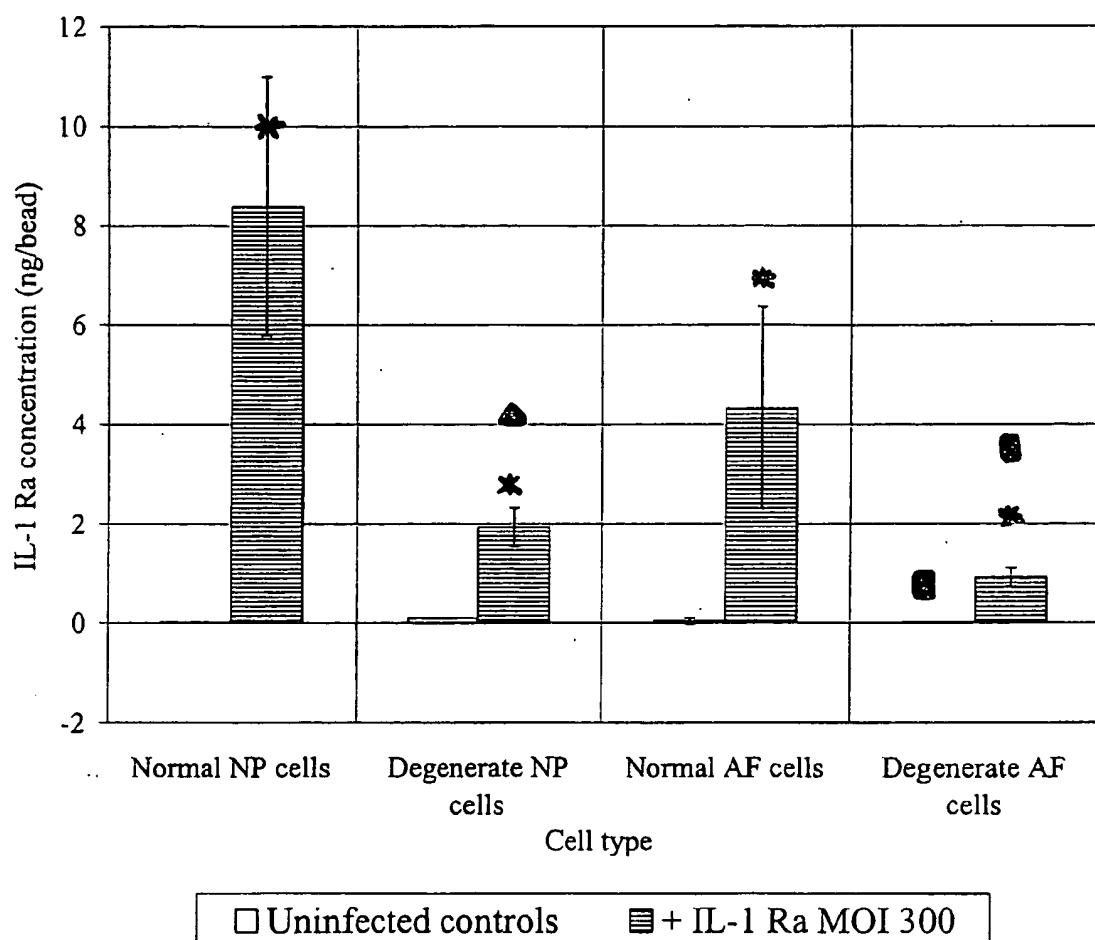
FIG 2

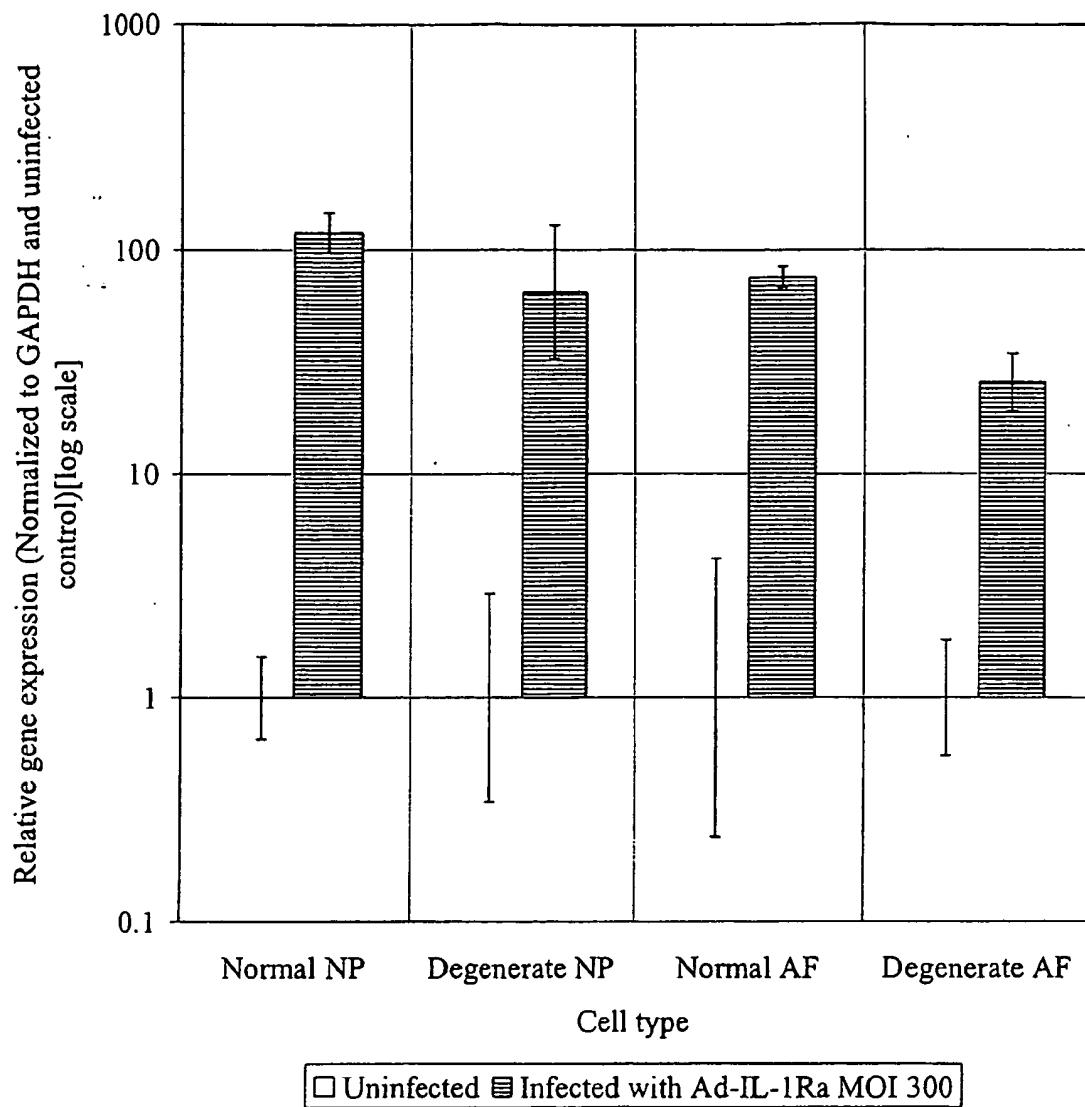
FIG 3

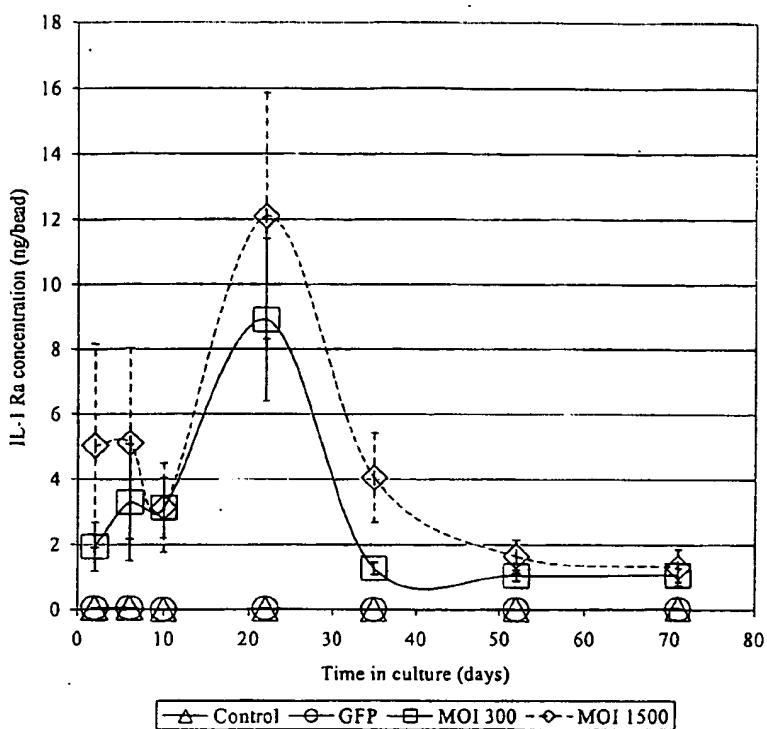
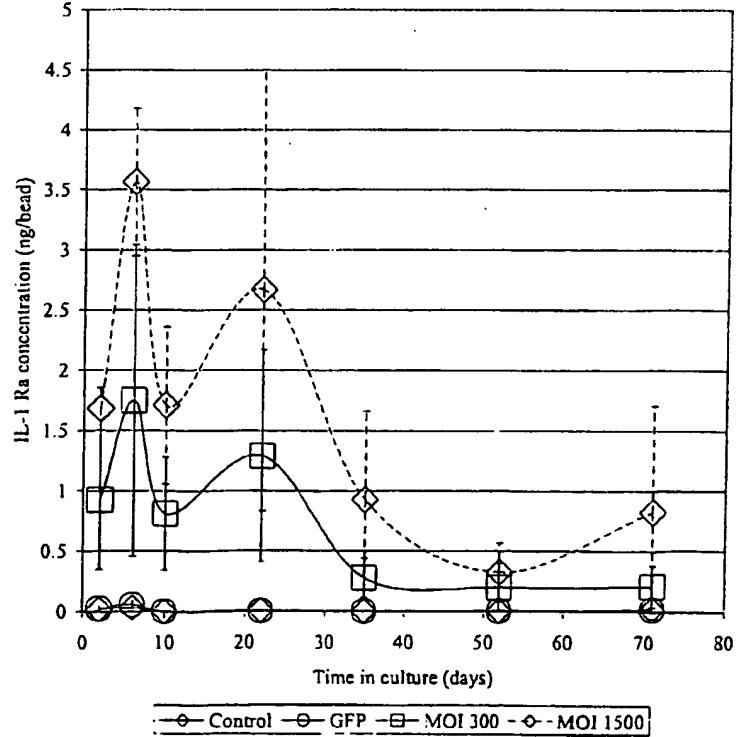
4/16

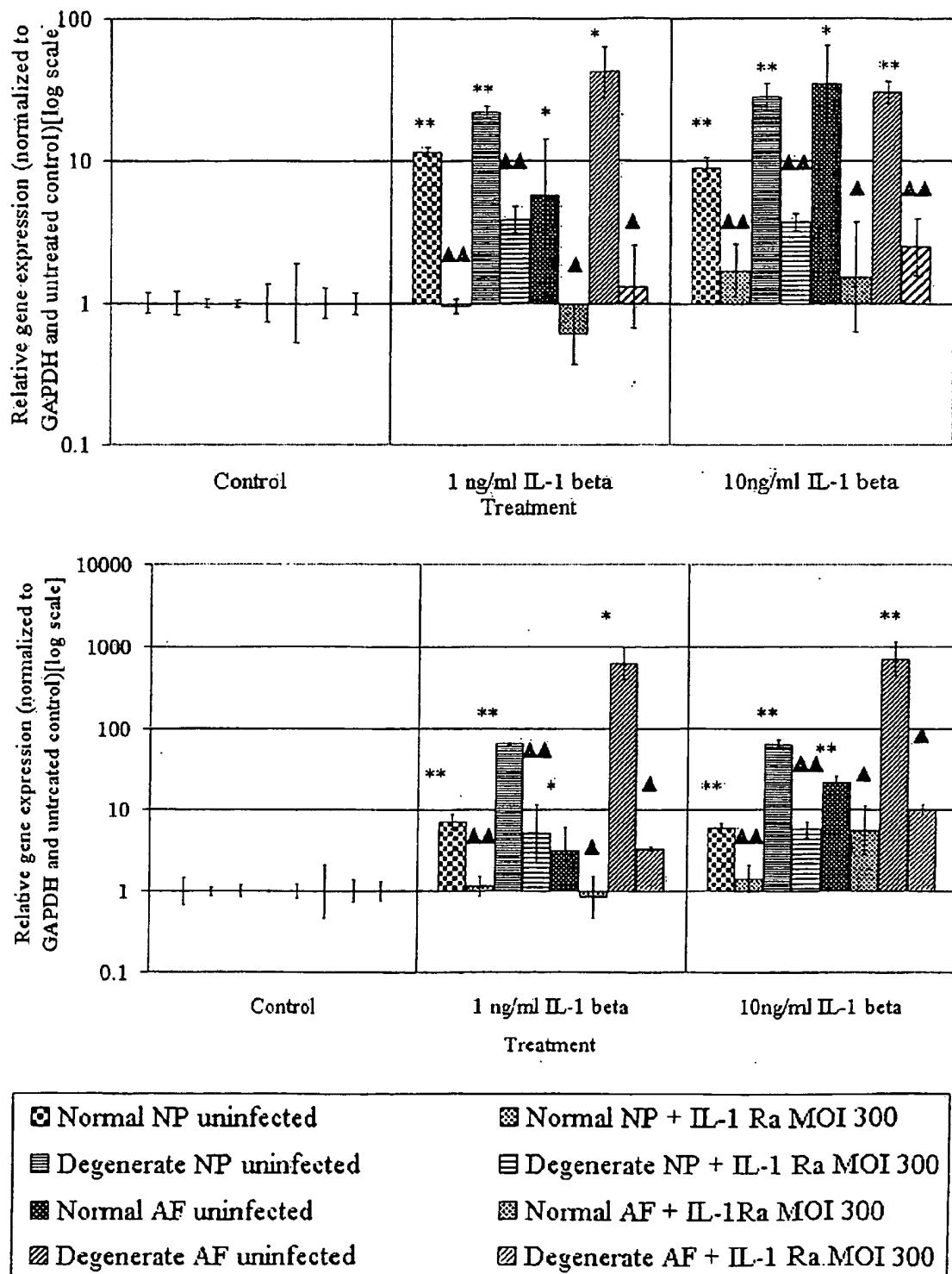
FIG 4

**FIG 5**

**FIG. 6**

**FIG 7**

**FIG 8****A****B**

**FIG 9**

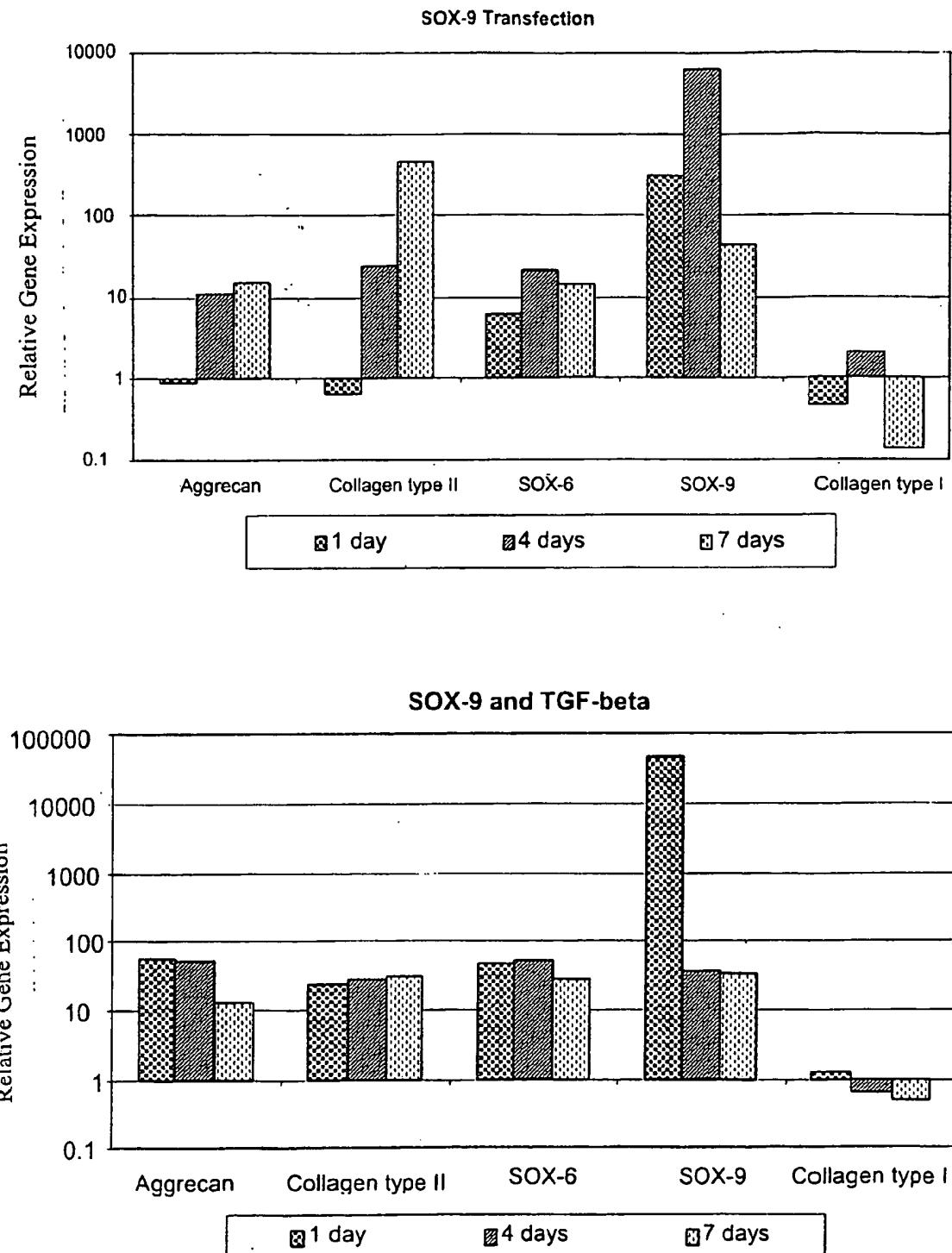
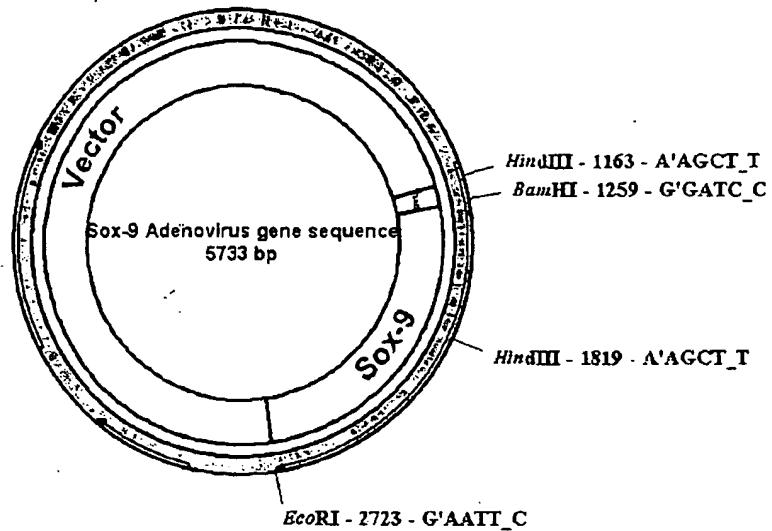
**FIG 10**

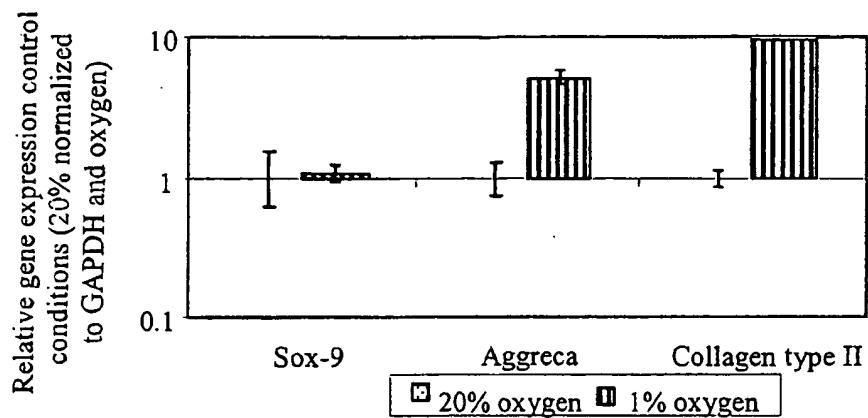
FIG 11

Fig 11 continued:

FIG 12

**FIG 13**

Gene expression in MSSC cells cultured in monolayer  
for 2 weeks under varying oxygen concentrations



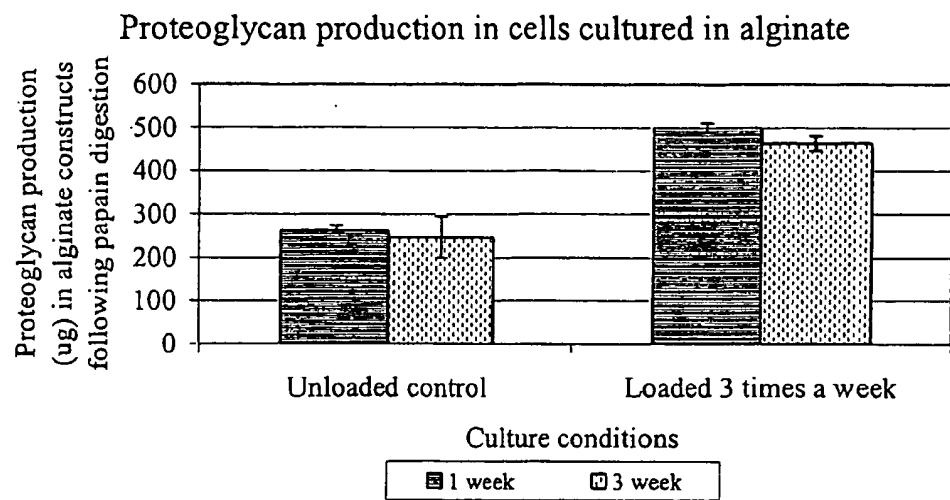
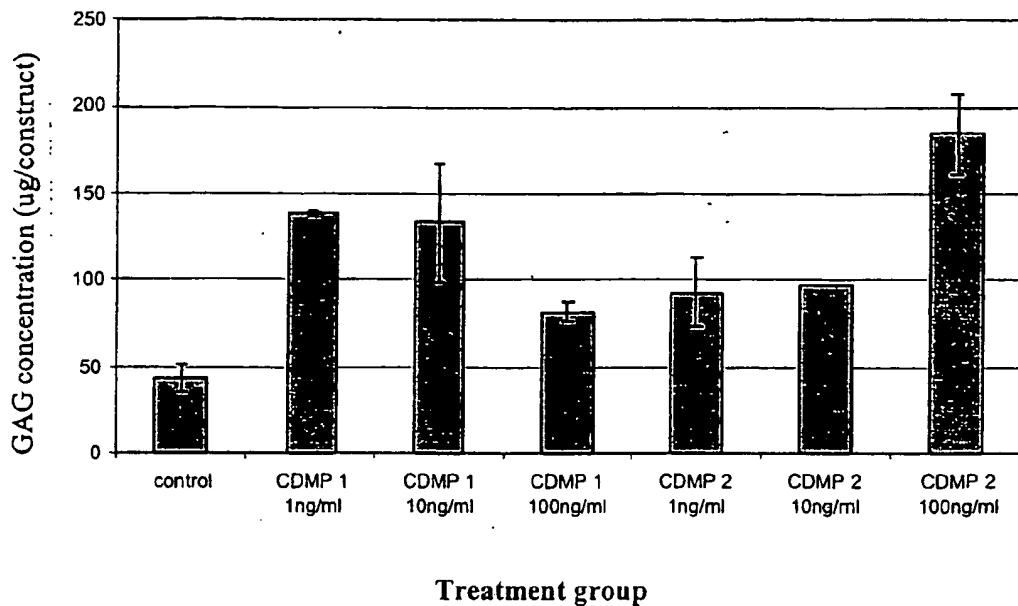
**FIG 14**

FIG 15

## GAG production in MSSC alginate constructs



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

**BLACK BORDERS**

**IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

**FADED TEXT OR DRAWING**

**BLURRED OR ILLEGIBLE TEXT OR DRAWING**

**SKEWED/SLANTED IMAGES**

**COLOR OR BLACK AND WHITE PHOTOGRAPHS**

**GRAY SCALE DOCUMENTS**

**LINES OR MARKS ON ORIGINAL DOCUMENT**

**REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

**OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**